

Converting Colors

CIELCh(59, 27.796, 292.581)

Have a look what the booklet for
CIELCh(59, 27.796, 292.581)
contains.

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Color

CIELCh(59, 27.796, 292.581)

Conversions

Conversions Part 1

Format	Color
Hex	898ABB
RGB	137, 138, 187
RGB Percent	54%, 54%, 73%
CMY	0.4633, 0.4593, 0.2672
CMYK	0.27, 0.26, 0.00, 0.27
HSL	239°, 27%, 63%
HSV	239°, 27%, 73%
XYZ	28.3185, 27.0277, 50.6592
YIQ	143.2870, -16.3250, 15.0270

Conversions

Conversions Part 2

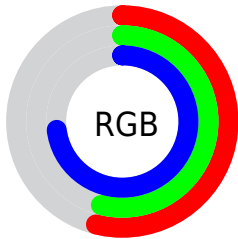
Format	Color
R_{YB}	137, 138, 187
Decimal	9013947
CIE _{Lab}	59.00, 10.67, -25.67
CIE _{LCh}	59, 27.796, 292.581
Yxy	27.0277, 0.2671, 0.2550
Android (android.graphics.Color)	4287204027 (0xFF898ABB)
YUV	143.2870, 21.5505, -5.5137
Hunter-Lab	51.9882, 6.2512, -21.3826

Details

The CIELCh color **59, 27.796, 292.581** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **74, 26.158, 106.760**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 27.826, 292.645**, and **39, 28.172, 293.013** is the 20% darker color. If you saturate the color by 10%, you get **53, 38.990, 294.178**, and if you desaturate by 10%, it is **65, 17.057, 291.217**.

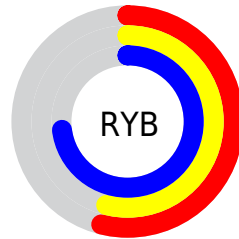
Distribution



Red (54%)

Green (54%)

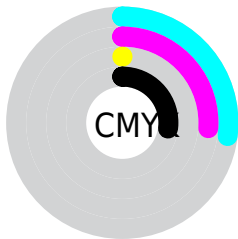
Blue (73%)



Red (54%)

Yellow (54%)

Blue (73%)

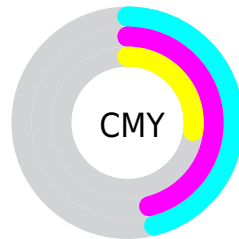


Cyan (27%)

Magenta (26%)

Yellow (0%)

Black (27%)



Cyan (46%)

Magenta (46%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 27.796, 292.581 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 59, 27.796, 292.581 by changing the saturation by 10% instead.

■ 59, 27.796,
292.581

■ 59, 27.796,
292.581

■ 100, 27.796,
292.581

■ 49, 27.796,
292.581

■ 79, 27.796,
292.581

■ 39, 27.796,
292.581

■ 89, 27.796,
292.581

■ 29, 27.796,
292.581

■ 99, 27.796,
292.581

■ 19, 27.796,
292.581

■ 9, 27.796, 292.581

■ 0, 27.796, 292.581

■ 59, 27.796,
292.581

■ 59, 27.796,
292.581

■ 53, 38.990,
294.178

■ 65, 17.057,
291.217

■ 46, 50.651,
296.028

■ 72, 6.747, 290.064

■ 40, 62.719,
298.115

■ 78, 3.167, 109.047

■ 35, 74.950,
300.363

■ 84, 12.716,
108.224

■ 30, 86.714,
302.592

■ 90, 21.926,
107.509

■ 26, 96.764,
304.506

■ 96, 30.821,
106.893

■ 23, 103.451,
305.774

■ 99, 34.264,
107.568

■ 23, 105.017,

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59, 27.796, 292.581



74, 26.158, 106.760

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59, 27.796, 292.581



59, 27.796, 342.581



59, 27.796, 112.581



59, 27.796, 162.581

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59, 27.795, 292.580



89, 9.892, 290.211



72, 17.282, 195.038



47, 7.107, 290.377



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59, 27.795, 292.580



71, 41.545, 293.471



61, 29.504, 309.226



36, 5.733, 290.345



18, 92.625, 305.995



1, 17.183, 290.083

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62, 20.464, 19.961



75, 30.845, 20.676



73, 28.359, 126.642



37, 4.095, 18.292



32, 72.024, 38.858



3, 12.257, 18.247

Previews

White Background



This preview shows how the CIELCh color 59, 27.796, 292.581 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 59, 27.796, 292.581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

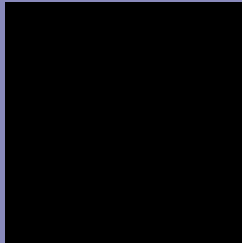
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 27.796, 292.581

Background



This preview shows how black text looks on a background with the CIELCh color 59, 27.796, 292.581.



This preview shows how white text looks on a background with the CIELCh color 59, 27.796, 292.581.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

59, 27.796, 292.581

Protanopia

59, 27.922, 285.197

Deuteranopia

59, 26.712, 286.736



Tritanopia
59, 7.757, 252.799

Trichromacy



Original Color
59, 27.796, 292.581

Protanomaly
59, 27.839, 287.839

Deuteranomaly
59, 27.239, 289.013

Tritanomaly
59, 14.439, 278.970

Monochromacy



Original Color
59, 27.796, 292.581

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 10.206, 291.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 27.796, 292.581 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(137, 138, 187)` looks like.

```
.text, #text, p{  
    color:rgb(137, 138, 187)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(137, 138, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 138, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 27.796, 292.581 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 138, 187) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(137, 138, 187) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(137, 138, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 138, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 138, 187);  
box-shadow:4px 4px 4px 4px rgb(137, 138,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 27.796, 292.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 138, 187) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(137,  
138, 187) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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